

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 53-135892

(43)Date of publication of application : 27.11.1978

(51)Int.Cl.

B01D 13/00

A61F 1/24

A61M 1/03

(21)Application number : 52-050566

(71)Applicant : NIPPON ZEON CO LTD

(22)Date of filing : 30.04.1977

(72)Inventor : YAMAZAKI MASAHIRO
JO YASUSHI
MAKUTA YOSHIHIRO

(54) PREPARATION OF MASS TRANSFER APPARATUS OF HOLLOW FIBER TYPE

(57)Abstract:

PURPOSE: To fix the open end part of the fibers to the case without decreasing the effective membrane area, by accommodating the hollow fibers having openings at both ends in the case, making the centrifugal force act to both of the end parts of the case, supplying the solidifying liquid to both ends of the fibers simultaneously in this state and, in this way, confining air in the hollow part of the fibers.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]